

BIBLIOGRAPHY OF SELECT PAPERS ON THE
CIA DOCUMENT/INFORMATION RETRIEVAL PROBLEM *

A. CHIVE Papers

1. IBM, "Preliminary System Design Report," 31 October 1963, Unclassified.

Volume I - Introduction and System Functions
II - Input/Output System
III - Memory Configuration
IV - Document Storage and Retrieval System
V - Programming
2. CRAG 4/1-63, "Report of CHIVE Evaluation Group," 8 October 1963, Secret/Limited Distribution.

Findings and recommendations of an intra-Agency group appointed by the DD/I to review the results of the CHIVE Phase I study.
3. ADPS, "Project CHIVE Back-Up Paper to Phase I Outline Report," August 1963, Secret. [Phase I Final Report]

Basic paper on findings of the DD/I survey, characteristics of the existing system, ideal user requirements, and proposed system concept.
4. Memorandum from C/ADPS to DD/I, "Project CHIVE--System Task," 12 July 1963, Secret.

Memo which accompanied reference A5 below requesting approval of a Phase II CHIVE effort.
5. IBM, "Monthly Progress Reports: Contract XG-2509," July-October 1963, Unclassified.

Monthly contractor reports of activities on CHIVE Project during Phase II in assigned task areas--e.g., document storage, memory devices, I/O systems design, etc.
6. ADPS, "Document/Information Retrieval System Development Task: Phase I Outline Report," 28 June 1963, Secret.

*Arranged in reverse chronological order.

BIBLIOGRAPHY - CHIVE Papers

Distillation of the CHIVE Phase I findings, argument, conclusions, and management options which formed basis of initial management briefing.

7. IBM, "Recommended Program for Implementation of an Information Retrieval System," 3 June 1963, Unclassified.

Description of tasks to be performed, manning requirements, schedules, etc., to achieve CHIVE design goals during Phase II.

8. IBM, "Input Dynamics: A Study of Input Methods for a Large Scale Information Handling System," 2 vols., June 1963, Unclassified.

A preliminary investigation of the problems, techniques, and equipment associated with data entry into a large information storage and retrieval system.

9. ADPS, "Intellofax Survey," 30 April 1963, Secret.

A study of a sample of recent Intellofax customers undertaken to glean user impressions of the system while the experience was still fresh in their minds, and to compare these findings with user comments made during the course of the CHIVE survey of the DD/I.

10. ADPS, "Value of OCR to Users," April 1963, Secret.

Table synthesizing (where possible) user comments on the value to them of individual OCR registers and/or file systems, arranged by specific user component.

11. ADPS, "Number of Unique Items by Source and Year," April 1963, Secret.

Table showing growth (or reduction) in receipts of various categories of documents over the past five years.

12. ADPS, "Estimated Annual Volume of Current Document Inputs to DD/I System," April 1963, Secret.

Table presenting gross volume figures by document category, with explanatory comments.

13. ADPS, "DD/I Interview Reports," September 1962-April 1963, Secret.

BIBLIOGRAPHY - CHIVE Papers

Narrative descriptions of key points made by DD/I analysts and managerial personnel in interviews with CHIVE system analysts. Volume--approximately 150 reports. Originals (filed in folders in OCS) include numerous enclosures--e.g., mission statements, office histories, lists of analyst file headings, collection requirements, office products, etc.

14. ADPS, "Specific DD/I User Requirements," March 1963, Secret.

Representative, if not complete, listing (arranged by Office, Division, Branch, etc.) of specific information manipulation/retrieval interests identified by DD/I analysts, including present methods (if any) of controlling same.

15. ADPS, "Preliminary Observations on the DD/I System Study and Design Problem," 5 January 1963, Secret.

Some reflections on the fact-finding survey and its apparent implications prepared prior to the completion of the survey itself.

16. ADPS, "Some Thoughts on the Feedback Problem," 18 December 1962, Secret.

Think-piece on the need for, and ways of getting more analysts "involved" in the information system in order to help define depth of indexing, type of indexing, and selection of input documents.

17. ADPS, "Project CHIVE: DD/I Survey Briefing Aid," 20 September 1962, Secret.

Guide delivered to DD/I analysts prior to the arrival of the CHIVE survey teams which indicated the reasons for the survey and listed the kinds of information desired from each component.

B. Earlier Papers

1. ADPS, "Development Program for the DD/I," 2 January 1962, Secret.

Proposal for a specific program to up-grade DD/I hardware and skills in the computer area.

BIBLIOGRAPHY - CHIVE/Earlier Papers

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2. Memorandum from Chief, DD/I Automation Staff, to DD/I,
"Computer Needs," 21 April 1961, Secret.

Describes results of initial DD/I Automation Staff study of DD/I computer requirements, including findings of IDM/SDC survey teams.

3. 25X1A5a1 [REDACTED] "Information Processing Needs in the CIA: A Preliminary Appraisal," 10 March 1961, Secret.

25X1A5a1 Findings and conclusions of an [REDACTED] task team which participated (with [REDACTED]) in a six-week study of the DD/I to evaluate the applicability of electronic data processing equipment and techniques to problems of information processing.

4. 25X1A5a1 [REDACTED] Task Team Report to Automation Group," 3 March 1961, Secret.
25X1A5a1 [REDACTED] contribution to the study described in the preceding reference.

5. CRAG-7-60, "Reappraisal of the Mission of the Industrial Register" (House Report), 27 April 1960, Secret.

Report of the DD/I Review Panel for IR on the extent of DD/I use of IR, the value of IR services, and proposed modifications of IR's role and activities.

6. CRAG-9/2-59, "Computer Requirements in the DD/I Area," 24 August 1959, Confidential.

Collection of reports prepared by various DD/I components describing present operations and identifying areas for the possible application of EDP.

7. 25X1A5a1 [REDACTED], "Report on Office of Central Reference," [REDACTED], 31 July 1959, Secret.

25X1A5a1 A discussion of findings and conclusions resulting from a 3-day examination of OCR by representatives of the [REDACTED]

8. CRAG-3-58, "User View of the OCR Document Handling Capability" (Wright Report), 17 January 1958, Secret.

BIBLIOGRAPHY - Earlier Papers

Comment on OCR information handling capabilities with particular emphasis on the role of Intellofax, from a senior intelligence officer with experience in ONE, ORR, and NIC.

9. OCR, Task Team Reports 1-16, 1958, Secret.

Detailed studies prepared by various in-house task teams assigned to evaluate the findings and recommendations of the Library Consultants report on OCR (see reference B10).

10. 25X1A5a1 et al, "Report of the Library Consultants,"
18 May 1957, Secret.

Views and recommendations of a group of three professional librarians who studied OCR reference services in some detail with primary emphasis on the CIA Library and Document Division operations.

BIBLIOGRAPHY - Earlier Papers